

## INTERNATIONAL SEARCH REPORT

 International application No.  
PCT/KR2003/002841

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C12P 17/06, A61K 35/78

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C12P A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
STN(CAPLUS), PubMed, eKIPASS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0118675 A1 (Doyle H. Waggle et al) 26 June 2003 see the whole document	1-8
A	WO 1999/06057 A (Bombardelli, Ezio et al) 11 February 1999 see the whole document	1-8
A	US 2002/0015776 A1 (Barbara A Bryan et al) 7 February 2002 see the whole document	1-8
A	KR 2001-81369 A (CHO, Kyeong-Sook et al) 29 August 2001 see the whole document	1-8
T	Joo, Seong-soo et al, 'Inhibition of IL-1beta and IL-6 in osteoblast-like cell by isoflavones extracted from Sophorae fructus.' In Arch Pharm Res.26(12):pages 1029-35 (2003) see the whole document	1-8
T	Joo, Seong-Soo et al, 'Isoflavones extracted from Sophorae fructus upregulate IGF-I and TGF-beta and inhibit osteoclastogenesis in rat born marrow cells' In Arch. Pharm. Res. 27(1), pages 99-105 (2004) see the whole document	1-8



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

27 FEBRUARY 2004 (27.02.2004)

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2003/002841

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003/0118675 A1	26-06-2003	TW 0474930 B JP 10-067770 A2 EP 0812837 A1 CN 1174839 A CA 2207360 C BR 9703526 A AU 2481397 A1	01-02-2002 10-03-1998 17-12-1997 04-03-1998 13-08-2002 06-10-1998 18-12-1997
WO 1999/06057 A	11-02-1999	US 6607757 A US 6280777 A RU 2183964 C2 JP 2003-02838 A2 EP 1001797 A1 CN 1265037 T AU 9071198 A1 KR 10-0388511 B1	19-08-2003 28-08-2001 27-06-2002 08-01-2003 24-05-2000 30-08-2000 22-02-1999 10-06-2003
US 2002/0015776 A1	07-02-2002	None	
KR 2001-81369 A	29-08-2001	None	

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